

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/529,276	03/25/2005	Alexandre A. Zavadtsev	22S01.1-021	2127
56644 7	590 05/19/2006		EXAMINER	
	COURSEY & COURSEY, P.C.		PHILOGENE, HAISSA	
1930 NORTH DRUID HILLS ROAD SUITE 150			ART UNIT	PAPER NUMBER
ATLANTA, C	GA 30319		2828	
		DATE MAILED: 05/19/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

_
\sim
ďΧ
m
ıv
1

Application No.	Applicant(s)					
10/529,276	ZAVADTSEV ET AL.					
Examiner	Art Unit					
Haissa Philogene	2828					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
Responsive to communication(s) filed on 25 March 2005.						
☐ This action is FINAL. 2b)☐ This action is non-final.						
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims						
4) Claim(s) 1-6 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1-6 is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.						
 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 25 March 2005 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. 						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
Attachment(s)						
Paper No(s)/Mail Da						
	Examiner Haissa Philogene ears on the cover sheet with the cover sheet					

Application/Control Number: 10/529,276

Art Unit: 2828

DETAILED ACTION

Claim Objections

Claims 5 and 6 are objected to because of the following informalities: In claim 5, line 6, change "waves" to —power in the form of pulses of radio frequency waves--; in line 15, change "successive said pulses of electrons to produce successive said pulses" to — successive pulses of said pulses of electrons to produce successive pulses of said pulses--. In claim 6, line 4, change "charged particles" to —electrons--; in line 5, after "section, add -- . --. Appropriate correction is required.

Allowable Subject Matter

Claims 1-6 are allowed.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Villa, Patent No. 6,326,861; Morgan et al., Patent No.6,444,990; Sakudo et al., Patent No. 4,801,847; Ono, Patent No. 4,198,565.

This application is in condition for allowance except for the formal matters as presented above.

Prosecution on the merits is closed in accordance with the practice under *Ex* parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO**MONTHS from the mailing date of this letter.

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haissa Philogene whose telephone number is (571) 272-1827. The examiner can normally be reached on 8:30 A.M.-6:00 P.M..

Page 3

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MinSun Harvey can be reached on (571)272-1835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

hp

Haissa Philogene Primary Examiner AU 2821 Au Na